



10th BASIC MOLECULAR PATHOLOGY WORKSHOP

(In Association with Molecular Pathology Association of India- MPAI)

23rd to 28th September 2024



Organized by :

Department of Cytogenetics & Molecular Genetics,

TATA Medical Center, New Town Rajarhat, Kolkata-700160

10th Basic Molecular Pathology Workshop

(In Association with Molecular Pathology Association of India)

23rd to 28th September 2024 (Mon to Sat)

**Department of Cytogenetics & Molecular Genetics,
Tata Medical Center (TMC), Kolkata, West Bengal, India.**

Workshop Description:

Tata Medical Center Kolkata would be conducting Molecular Pathology workshop biyearly. This workshop is intended only for Post - MD Registrars / Sr Residents / Fellows / Junior Faculty in Departments of Pathology and Bio-Medical Scientist (PhD) who have an interest in Molecular Pathology. The workshop will be a 06 days hands-on program, designed to provide a basic understanding of molecular biology techniques as applied to current day diagnosis in pathology. The workshop will familiarize attendees with all the infra-structure, equipment and consumables that are required in the setting-up of a Molecular Genetics / Cytogenetic laboratory.

The workshop will deal with various methodologies of DNA / RNA extraction from peripheral blood, bone marrow specimens and extraction of DNA / RNA from FFPE sections / Saliva / Buccal Swab / Plasma (cfDNA). Quality control of DNA / RNA extracts by Nano-Drop / spectrophotometer / Qubit, gel runs, and Tape Station will be shown. cDNA preparation, GUS-PCR, RT-PCR with all its modifications, RQ-PCR for quantitative analysis in hematological disorders (CML, APLM etc.), viral diseases (CMV, HBV, HCV etc.) will be demonstrated and practiced. Issues related to trouble-shooting in PCR / Real Time PCR analysis will be discussed. Molecular cytogenetic (FISH, m-FISH etc.) in haemato-lymphoid and solid tumors will also be demonstrated and practiced. Newer instruments / technologies like NGS and droplet digital PCR (ddPCR) will be demonstrated.

The workshop will emphasize on the fact that at the end of this program the attendees should be able to set-up a molecular genetics lab in their Organization/Department.

Workshop Size: 15

Note: There will be a selection process based on the filled –up Registration Form details. Pathologists who are about to start or keen to start Molecular Pathology diagnostic facilities in their institutes /hospitals would be preferred.

Registration:

Kindly send the completed registration form and CV to the any of the address in the correspondence mentioned below.

The last date for receiving of registration form at TMCK is **12th August 2024**. Selected delegates will be intimated by **19th August 2024**. **The selected participants would receive a participation confirmation mail along with a link for payment of Rs.15000/-**. The last date for payment for registration would be **24th August 2024**.

The participants who are not selected can reapply for the next edition of the workshop to be held in 2025.

Participants from DIAMOND PROJECT CENTRE's would be given preference.

Accommodation:

The participants will have to arrange for their accommodation. Complimentary accommodation will not be provided.

Registration form is attached below or can be DOWNLOADED at
www.mpai.co.in; www.tmckolkata.com

Address for Correspondence:

1. Dr (Col) Deepak Kumar Mishra,

Departments of Laboratory Haematology & Molecular Genetics,
Tata Medical Centre, 14 MAR(E-W), New Town, Rajarhat, Kolkata – 700160.
E mail: deepak.mishra@tmckolkata.com
Telephone: 033-66057754

2. Dr Mayur Parihar,

Departments of Laboratory Haematology, Cytogenetics and Molecular Genetics,
Tata Medical Centre, 14 MAR(E-W), New Town, Rajarhat, Kolkata – 700160.
E mail: mayur.parihar@tmckolkata.com
Telephone: 033-66057755

3. Dr Sushant S. Vinarkar,

Department of Laboratory Haematology & Molecular Genetics,
Tata Medical Centre, 14 MAR(E-W), New Town, Rajarhat, Kolkata-700160.
Email: sushant.vinarkar@tmckolkata.com
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**Department of Molecular Genetics & Cytogenetics
TATA Medical Center, Kolkata, West Bengal, India.**

Registration Form

Name:

Age/Sex:

Position / Institute Affiliation:

Institute Address:

E-mail:

Cell - Phone No.:

Qualifications (with the year of passing):

Current Position: Assoc Prof / Asst Prof / Sr Resident / Fellow / Registrar / Consultant

Kindly attach your CV with the registration form. Last date for receiving of registration form at TMCK is **12th August 2024. The selected participants would receive a participation confirmation mail and a link for payment of Rs.15000/- by **17th August 2024**. Last date for payment of Registration Fees – INR 15,000.00 via the shared link is **24th August 2024**.**

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Signature with Date

